

CLAIMS

What is claimed is:

- 5 1. A method of promoting neurogenesis comprising the step of:
 administering a therapeutic amount of a nitric oxide donor compound to a
 patient in need of neurogenesis promotion.
2. A compound for promoting neurogenesis comprising an effective
10 amount of a nitric oxide donor sufficient to promote neurogenesis.
3. A neurogenesis promoter comprising a nitric oxide donor in a
 pharmaceutically acceptable carrier.
4. The neurogenesis promoter according to claim 3, wherein said nitric
15 oxide donor augments nitric oxide in a tissue.
5. The neurogenesis promoter according to claim 4, wherein said nitric
20 oxide donor is selected from the group consisting essentially of phosphodiesterase
 inhibitors, L-arginine, sildenafil, and LIPITOR.
6. A method of augmenting the production of neurons by administering an
 effective amount of a nitric oxide donor to a site in need of augmentation.
- 25 7. A method of increasing neurological function by administering an
 effective amount of a nitric oxide donor to a patient.
8. A method of increasing cognitive and neurological function by
 administering an effective amount of a nitric oxide donor compound to a patient.